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To: Examiner Tat
Fax Number: +1 (703) 8729306

From: Sara Chang
Fax Number: (310) 785-9558
Business Phone: (310) 785-0140
Home Phone:

Pages: 10
Date/Time: 9/23/2004 11:54:17 AM
Subject: Unsigned reference on 1449 for SN 10/066,187

To Examiner Tat,

Attached is the 1449 with an unsigned reference for SN 10/066,187. Please review, sign it, and return to us. A courtesy copy has also been sent to your desktop fax.

Best regards,
Mani Adeli
310-785-0140 ext. 301

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Substitutes for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number: 10/066,157 Filing Date: 1/31/2002 First Named Inventor: Steven Taig et al. Group Art Unit: 2825 Examiner Name: Tai, B. Attorney/Doctel Number: SPLX.P0133
Sheet	1	of	9

U.S. PATENT APPLICATIONS						
Examiner's Initials	Cite Ref.	U.S. Patent Application Serial Number	Attorney/Doctel Number	Name of Patent Applicant or Filed Document	Date of Filing (MM-DD-YYYY)	Related Application Data if any
	1.	10/066,060	SPLX.P0072	Steven Taig	01-31-2002	Application filed on the same date, with same specification and drawings, but with different summary and abstract.
	2.	10/066,160	SPLX.P0073	Steven Taig et al.	01-31-2002	Application filed on the same date, with same specification and drawings, but with different summary and abstract.
	3.	10/066,065	SPLX.P0074	Steven Taig et al.	01-31-2002	Application filed on the same date, with same specification and drawings, but with different summary and abstract.
	4.	10/066,047	SPLX.P0076	Steven Taig et al.	01-31-2002	Application filed on the same date, with same specification and drawings, but with different summary and abstract.
	5.	10/061,641	SPLX.P0079	Steven Taig et al.	01-31-2002	Application filed on the same date, with same specification and drawings, but with different summary and abstract.
	6.	10/066,094	SPLX.P0080	Steven Taig et al.	01-31-2002	Application filed on the same date, with same specification and drawings, but with different summary and abstract.
	7.	10/076,121	SPLX.P0081	Steven Taig et al.	02-12-2002	Application with similar, but not identical, specification and drawing as the present application.
	8.	10/062,985	SPLX.P0105	Steven Taig et al.	01-31-2002	Application filed on the same date, with same specification and drawings, but with different summary and abstract.
	9.	10/066,102	SPLX.P0106	Steven Taig	01-31-2002	Application filed on the same date, with same specification and drawings, but with different summary and abstract.
	10.	10/285,584	CDN.P0037	Steven Taig	10-31-2002	
	11.	10/335,687	CDN.P0038	Steven Taig et al.	12-31-2002	
	12.	10/395,239	CDN.P0039	Steven Taig et al.	12-31-2002	

Examiner Signature	Date Considered
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Substitute for form 1449A/PTO				Application Number	10/066,107
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	1/31/2002
				First Named Inventor	Steven Teig et al.
				Group Art Unit	2825
				Examiner Name	Tat. B.
Sheet	2	of	9	Attorney Docket Number	SFLX: F0133
U.S. PATENT APPLICATIONS					
13.	10:335,005	CDN: P0040	Steven Teig et al.	12-31-2002	

FOREIGN PATENT DOCUMENTS									
Examiner's Initials	Check Mark	Foreign Patent Document		Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Good Document	Pages, Columns, Lines, Which Followed Passages or Relevant Figures Appear	*		
		Office	Number						
		14.	JP	11-298580		10-29-1999	Matsumoto et al.	with English translation of Abstract.	
		15.	JP	2000-082743		03-21-2000	Igarashi et al.	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
		16.	JP	64-15947		01-19-1989	Ouchi	with English translation of Abstract.	
		17.	JP	03-173471		07-26-1991	Tawada et al.	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
		18.	JP	04-000677		01-03-1992	Fujiwara et al.	with English translation of Abstract.	
		19.	JP	05-102305		04-23-1993	Seto	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
		20.	JP	05-243379		08-21-1993	Kubota	with Japanese Patent Office's English translation of Abstract; and with English.	✓

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Substitute for form 1442A-PTO				Application Number	10/060,187
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	1/31/2002
				First Named Inventor	Steven Teig et al.
				Group Art Unit	2825
				Examiner Name	Tat B.
Sheet	2	of	9	Attorney Docket Number	SPLX.F0133

U.S. PATENT APPLICATIONS

13.	10/335,086	CDN.P0040	Steven Teig et al.	12-31-2002
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FOREIGN PATENT DOCUMENTS

Examiner's Initials	Chp. No.	Office	Foreign Patent Document Number	Kind Code (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of (Cited Document)	Pages, Columns, Lines, Whole Figures, Passages, or Referenced Figures Appeared	+
	14.	JP	11-295580		10-29-1999	Matsumoto et al.	with English translation of Abstract.	
	15.	JP	2900-082743		03-21-2000	Igarashi et al.	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	16.	JP	04-15947		01-19-1986	Ouchi	with English translation of Abstract.	
	17.	JP	03-173471		07-26-1991	Tawada et al.	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	18.	JP	04-000877		01-06-1992	Fujiwara et al.	with English translation of Abstract.	
	19.	JP	05-102305		04-23-1993	Sato	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	20.	JP	05-243379		09-21-1993	Kubota	with Japanese Patent Office's English translation of Abstract; and with English	✓

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Substitute for form 1449A/PTO				Application Number	10/066,187
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	1/31/2002
				First Named Inventor	Steven Teig et al.
				Group Art Unit	2625
				Examiner Name	Tat. B.
Sheet	2	of	6	Attorney Docket Number	SPLX.F0133
U.S. PATENT APPLICATIONS					
13.	10/335,086	CDN.P0040	Steven Teig et al.	12-31-2002	


FOREIGN PATENT DOCUMENTS							
Examiner's Initials	Check No.	Office	Foreign Patent Document Number	Kind Code (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Used Document	Pages, Columns, Lines, Which Required Passage or Retention Figures Appear
	14.	JP	11-298580		10-29-1999	Matsumoto et al.	with English translation of Abstract.
	15.	JP	2000-082743		03-21-2000	Igarashi et al.	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.
	16.	JP	04-15947		01-19-1989	Ouchi	with English translation of Abstract.
	17.	JP	03-173471		07-26-1991	Tawada et al.	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.
	18.	JP	04-300677		01-08-1992	Fujiyara et al.	with English translation of Abstract.
	19.	JP	05-102305		04-23-1993	Sato	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.
	20.	JP	05-243379		08-21-1993	Kubota	with Japanese Patent Office's English translation of Abstract; and with English

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Substitute for form 1449A/PTO: INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/060,187
				Filing Date	1/31/2002
				First Named Inventor	Steven Tadjer et al.
				Group Art Unit	2625
				Examiner Name	Tot. E.
Sheet	3	of	9	Attorney-Enveloper Number	SPLX.P0133
FOREIGN PATENT DOCUMENTS					
					translation of the application with Japanese Patent Office's English translation of Abstract and with English translation of the application.
21.	JP	07-086407	03-31-1995	Miura	✓
22.	JP	09-162279	06-20-1997	Yoshida	✓

NON PATENT LITERATURE DOCUMENTS					
Examination Status	Citation	USPTO status of the document (CAPITAL LETTERS), and/or the title (when appropriate), title of the book (book, magazine, journal, serial, symposium, thesis, etc.), date, page(s), volume(issue number), patent no. city and/or country where issued			PT
	23.	Chen, H. et al. A Faster Algorithm for Rubber-Band Equivalent Transformation for Planar VLSI Layouts. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, Vol. 15, No. 2, February 1996, pp. 217-227.			
	24.	Chip Model with Wiring Cost Map, August 1993, IBM Technical Disclosure Bulletin, vol. 36, issue 5A, pp. 929-933.			
	25.	Dayan, T. et al. Layer Assignment for Pusher Band Routing. UCSC-CP-93-04, January 20, 1993.			
	26.	Dayan, T. Rubber-Band Based Topological Router, A Dissertation, UC Santa Cruz, June 1997.			
	27.	Dodd, P. et al. A Two-Dimensional Topological Compactor with Octagonal Geometry, 28 th ACM/IEEE Design Automation Conference, pp. 727-731, July 1991.			
	28.	Fujimura, K. et al. Homotopic Shape Deformation.			
	29.	Hama, T. et al. Curvilinear Detailed Routing Algorithm and its Extension to Wire Spreading and Wire Fattening.			

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Separate form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number 10/956,187
				Filing Date 1/31/2002
				First Named Inventor Steven Tsai et al.
				Group A8 Unit 2825
				Examiner Name Tai, B.
				Attorney Docket Number SPLX.P0133
Sheet	4	of	9	
NON PATENT LITERATURE DOCUMENTS				
Patent Index	Cite No.	Include mention the author (in CAPITAL LETTERS); title of the article (when appropriate); item of the item (book, magazine, journal, serial, symposium, citation, etc.); date, serial, volume, issue number (if applicable); city, state/country where published	Y*	
	30.	Hama, T. et al., Topological Routing Path Search Algorithm with Incremental Routability Test, IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, vol. 19, No. 2, February 1999, pp. 142-150.		
	31.	Kobayashi, K. et al., A New Interactive Analog Layout Methodology based on Rubber-Band Routing, UCSC-CRL-99-12, June 13, 1999.		
	32.	Lim, A. et al., A Fast Algorithm to Test Planar Topological Routability, Technical Report 94-012, pp. 1-16.		
	33.	Lu, Y., Dynamic Constrained Delaunay Triangulation and Application to Multichip Module Layout, A Thesis for Master of Science, UC Santa Cruz, December 1991.		
	34.	Maley, F.M., Testing Homotopic Routability Under Polygonal Wiring Rules, Algorithmica 1996, 15:1-16.		
	35.	Morton, P. B. et al., An Efficient Sequential Quadratic Programming Formulation of Optimal Wire Spacing for Cross-Talk Noise Avoidance Routing, UCSC-CRL-99-05, March 10, 1999.		
	36.	RM71591316, Use of Relatively Diagonal And Rectangular Wiring Planes in Multilayer Packages, September 1971, IBM Technical Disclosure Bulletin, Vol. No. 14, Issue No. 4, pp. 1316-1317.		
	37.	Stanpeleers, D. et al., Geometric Transformations for a Rubber-Band Sketch, A Thesis for a Master of Science in Computer Engineering, UCSC, September 1992.		
	38.	Stanpeleers, D. et al., Surf: A Rubber-Band Routing System for Multichip Modules, pp 19-26, 1993.		
	39.	Su, J. et al., Post-Route Optimization for Improved Yield Using Rubber-Band Wiring Model, 1997 International Conference on Computer-Aided Design, pp 700-706, November 1997.		
	40.	Wei-Ming Dai, W. et al., Routability of a Rubber-Band Sketch, 28th ACM-IEEE Design Automation Conference, 1991, pp. 45-55.		
	41.	Xing, Z. et al., A Minimum Cost Path Search Algorithm Through The Obstacles, slide presentation.		
	42.	Xing, Z. et al., Shortest Path Search Using Tiles and Piecewise Linear Cost Propagation, IEEE, 2002, pp.145-158.		
	43.	Xu, A More Efficient Distance Vector Routing Algorithm, UCSC-CRL-99-16, March 1997.		
	44.	Yu, M.-P. et al., Fast and Incremental Routability Check of a Topological Routing Using a Cut-Based Encoding, UCSC-CRL-97-07, April 14, 1997.		
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				First Named Inventor	Steven Toig et al.
				Group Art Unit	2625
				Examiner Name	Tal, G.
Sheet	5	of	9	Attorney Docket Number	SPLX.P0133
NON PATENT LITERATURE DOCUMENTS					
45.	Yu, M.-F. et al., Interchangeable Pin Routing with Application to Package Layout, UCSC-CRL-95-10, April 25, 1995.				
46.	Yu, M.-F. et al., Pin Assignment and Routing on a Single-Layer Pin Grid Array, UCSC-CRL-95-15, February 24, 1995.				
47.	Yu, M.-F. et al., Planar Interchangeable 2-Terminal Routing, UCSC-CRL-95-49, October 10, 1995.				
48.	Yu, M.-F. et al., Single-Layer Fanout Routing and Routability Analysis for Ball Grid Arrays, UCSC-CRL-95-18, April 25, 1995.				
49.	Ando, R. et al., Faster Algorithms for the Shortest Path Problem, Journal of the Association for Computing Machinery, Vol. 37, No. 2, April 1990, pp. 213-223.				
50.	Alexander, M. et al., Performance-Oriented Placement and Routing for field-programmable gate arrays, Proceedings of the European Design Automation Conference, pages 80-85, 1990.				
51.	Alexander, M. et al., Placement and Routing for Performance-Oriented FPGA Layout, VLSI Design, Vol. 7, No. 1, 1993.				
52.	Ando, R. et al., Automatic Routing Algorithm for VLSI, 22 nd Design Automation Conference, 1985, pp. 785-788.				
53.	Bagga, J. et al., Internal, External, and Mixed Visibility Edges of Polygons.				
54.	Berger, B. et al., Nearly Optimal Algorithms and Bounds for Multilayer Channel Routing, Journal of the Association for Computing Machinery, pp. 600-642, March 1995.				
55.	Brady, L. et al., Channel Routing on a 90° Grid, extended abstract, pp. 926-931.				
56.	Carothers, K., A Method of Measuring Net Routability for MCMT's General Area Routing Problems, 1999, pp. 106-102.				
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Substitution for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number 10/068,137
			Filing Date 1/31/2002
			First Named Inventor Steven Teig et al.
			Group Art Unit 2825
			Examiner Name Tat, B.
Sheet 6 of 9			Attorney/Agent Number SPLX.P0133
NON PATENT LITERATURE DOCUMENTS			
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Substitute for Form 1449A/PTO				Application Number	10/065,187
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	1/31/2002
				First Named Inventor	Steven Torg et al.
				Group Art Unit	2825
				Examiner Name	Tal, B.
Sheet	7	of	9	Attorney Docket Number	SPLX.F01135
NON PATENT LITERATURE DOCUMENTS:					
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Substitute for form 1449A/PTO				Application Number	10A065,187
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	1/31/2002
				First Named Inventor	Steven Taig et al.
				Group Art Unit	2825
				Examiner Name	Tai, B.
Sheet	8	of	9	Attorney Docket Number	SPLX.P0133
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				First Named Inventor	Steven Teig et al.
				Group Art Unit	2925
				Examiner Name	Tat. B.
Sheet	9	of	9	Attorney Docket Number	SPLX/PD133
NON PATENT LITERATURE DOCUMENTS					
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